

- ☐ Construction details
 - Restricted use of combustible materials SOLAS 74 II-2/27
SOLAS 74/78 II-2/34
 - Draft stops SOLAS 74 II-2/28
SOLAS 74/78 II-2/35
 - Penetration of A and B-Class bulkheads SOLAS 74 II-2/23
SOLAS 74 II-2/24
SOLAS 74/78 II-2/18
- ☐ Main vertical and horizontal zones
 - Conforms to plans SOLAS 74 II-2/18
SOLAS 74 II-2/36
SOLAS 74/78 II-2/24
 - A-Class bulkheads
 - Bulkheads within main vertical zones SOLAS 74 II-2/19
SOLAS 74/78 II-2/25
 - Fire integrity values SOLAS 74 II-2/20
- ☐ Additional main vertical zone requirements
 - Bulkheads deck to deck or equivalent SOLAS 74/78 II-2/24
SOLAS 74/78 II-2/25
- ☐ Fire doors
 - A-Class in following areas: SOLAS 74 II-2/23
SOLAS 74 II-2/24
SOLAS 74 II-2/37
SOLAS 74/78 II-2/30
SOLAS 74/78 II-2/31
 - Main vertical zones
 - Stairway enclosures
 - Control stations
 - Control station and local release
 - Proper closure
 - Free of hold-back hooks
 - Fire door indicator panel SOLAS 74/78 II-2/41-2.4.2
 - Tested
- ☐ Protection of stairways and elevators
 - A-Class enclosures SOLAS 74 II-2/22
SOLAS 74 II-2/42
SOLAS 74/78 II-2/29
SOLAS 74/78 II-2/42
 - Fire dampers
 - No direct access to spaces containing combustibles
 - Authorized services and storage areas SOLAS 74/78 II-1/41-2.4.4
- ☐ Windows and side scuttles
 - Proper framing SOLAS 74 II-2/26
SOLAS 74/78 II-2/33
 - Glass meets bulkhead integrity requirements
 - Special attention in way of embarkation area

Notes: _____

- ☐ Paint lockers SOLAS 74/78 II-2/18
- ☐ Ventilation systems
 - Main inlets and outlets can be closed from outside ventilated space SOLAS 74 II-2/23
 - Construction SOLAS 74 II-2/25
 - 2 remote shutdowns
 - Galley range ducts SOLAS 74/78 II-2/41-2.4.3
 - A-Class
 - Grease traps
 - Fixed fire extinguishing system
 - Shutdown
 - Fire damper
 - Fire damper if penetrates main vertical zone on deck SOLAS 74/78 II-2/23
 - Conforms to plans
 - Separate for enclosed stairways
 - Machinery ventilation shutdown SOLAS 74 II-2/45
 - Machinery ventilation fire damper SOLAS 74 II-2/34
- ☐ Laundry room ventilation
 - System clean and clear of potential fire hazards (e.g., lint) MSG 021939Z NOV 98
 - Adequate cleaning and maintenance program in place
- ☐ Fire patrols
 - Properly trained SOLAS 74 II-2/32
SOLAS 74/78 II-2/40
SOLAS 74/78 II-2/41-2.1.2
 - Portable radios
- ☐ Smoke detection and alarm system
 - Accommodation spaces SOLAS 74/78 II-2/41-2.2
 - Service spaces
 - Stairway enclosures
 - Corridors
- ☐ Smoke detection and alarm system fitted above ceilings
 - In stairways and corridors (if ceilings are made of combustible material) SOLAS 74/78 II-2/41-2.3

Notes: _____

- ☐ Lifebuoys
 - Number required SOLAS 74 III/34
SOLAS 74/78 III/21
 - Specifications SOLAS 74 III/21
SOLAS 74/78 III/30 & 31
 - Retro-reflective tape SOLAS 74/78 III/30
- ☐ Additional lifebuoy requirements SOLAS 74/78 III/7
 - Distribution
 - Lifeline
 - Waterlights
 - Markings
 - Smoke signals
- ☐ Lifejackets

Adult _____ Children _____

 - Specifications SOLAS 74 III/22
SOLAS 74/78 III/32
 - Retro-reflective tape SOLAS 74/78 III/30
 - Lights SOLAS 74/78 III/21
 - Whistles SOLAS 74/78 III/32
 - Number of lifejackets rejected _____
- ☐ Stowage of lifejackets SOLAS 74/78 III/7
- ☐ Immersion suits and thermal protective aids SOLAS 74/78 III/21
 - Number required
- ☐ Additional immersion suit requirements
 - Specifications SOLAS 74/78 III/33
 - Retro-reflective tape SOLAS 74/78 III/30
- ☐ Line-throwing apparatus SOLAS 74 III/23
SOLAS 74/78 III/49
 - Specifications
- ☐ Additional line-throwing apparatus requirements
 - Number required SOLAS 74/78 III/17
 - Stowage SOLAS 74/78 III/49

Notes: _____

- ☐ Fire hose made of noncombustible material SOLAS 74/78 II-2/4
SOLAS 74/78 II-2/21
- ☐ International shore connection SOLAS 74 II-2/32
SOLAS 74/78 II-2/19
- ☐ Fixed gas systems (including machinery and cargo spaces) SOLAS 74 II-2/8
SOLAS 74/78 II-2/5
 - Alarms
 - Piping
 - Controls
 - CO₂ storage rooms
- ☐ Instructions and spare parts for fixed gas systems SOLAS 74/78 II-2/5
- ☐ Alternate fixed systems in machinery spaces SOLAS 74 II-2/10
SOLAS 74/78 II-2/9
SOLAS 74 II-2/11
SOLAS 74/78 II-2/10
 - Fixed high-expansion foam
 - Fixed pressure water-spray
- ☐ Fixed foam systems in machinery spaces SOLAS 74 II-2/9
- ☐ Fixed low-expansion foam as supplement in machinery spaces SOLAS 74/78 II-2/8
- ☐ Automatic sprinkler, fire alarm, and fire detection systems SOLAS 74 II-2/12
SOLAS 74 II-2/29
SOLAS 74/78 II-2/12
 - Isolation valves
 - Pressure gauges
 - Wet pipe (fully loaded)
 - Alarms (bridge panel)
 - Plan (zone plan)
 - Pump and tank
 - Test valve
 - Sprinkler heads are not recessed
 - Spare heads

Notes: _____

- Bridge indicators for watertight doors SOLAS 74/78 II-1/15
- Bilge pumps SOLAS 74 II-1/18
 • 3 required (4 if criterion numeral is 30 or more) SOLAS 74/78 II-1/21

Lifesaving Equipment:

- Lifeboats
 - Number required SOLAS 74 III/8, 27
SOLAS 74/78 III/20
 - Specifications SOLAS 74 III/9 & 10
SOLAS 74/78 III/41 - 46
 - Equipment SOLAS 70 III/11 & 12
SOLAS 74/78 III/41
 - Radiotelephone SOLAS 74/78 III/6.2
 - Operating instructions SOLAS 74/78 III/9
 - Manning SOLAS 74/78 III/10
 - Marking SOLAS 74 III/20
SOLAS 74/78 III/41
 - Retro-reflective tape SOLAS 74/78 III/30
 - Embarkation SOLAS 74 III/19
SOLAS 74/78 III/11, 22, & 28
 - Falls renewed / end-for-end SOLAS 74/78 III/19

- ◇ Lifeboats
 - Availability SOLAS 74 III/4
 - Hull and fittings SOLAS 74 III/5 & 10
 - Capacity SOLAS 74 III/6 & 7
 - Searchlights SOLAS 74 III/14
 - Davits, falls, winches, and stowage SOLAS 74 III/28, 29, 36

- Lifeboats
 - Stowage SOLAS 74/78 III/11 & 13
 - Launching stations SOLAS 74/78 III/12
 - Launching and recovery procedures SOLAS 74/78 III/15 & 48

Notes: _____

- Additional requirements for vessels with RO-RO decks SOLAS 74 II-2/30
SOLAS 74/78 II-2/37
 - Structural boundaries for horizontal zones
 - Manual sprinkler system
 - Fire patrol
 - Fire call boxes
 - Fixed fire extinguishing system
 - Additional fire equipment
 - Vent system requirements
 - Explosion-proof lighting
- Additional requirements for vessels with cargo holds intended for carrying motor vehicles with fuel tanks SOLAS 74 II-2/31
SOLAS 74/78 II-2/38
SOLAS 74/78 II-2/39
 - Fixed fire detection and alarm (vessels built after 01 FEB 92 may substitute smoke extraction system)
 - Fixed fire extinguishing system
 - Special ventilation requirements
 - Explosion-proof fixtures

Machinery:

- General condition of engine room / boiler room / machinery satisfactory SOLAS 74 II-1/23
SOLAS 74/78 II-1/26
 - Tank tops, bilge wells, bilges clean
- Steering gear SOLAS 74 II-1/29
SOLAS 74 II-1/30
SOLAS 74/78 II-1/29
SOLAS 74/78 II-1/30
 - Main steering gear tested
 - Auxiliary steering gear tested
 - Communications between bridge / steering gear room
 - Indicators for electric motors
- Steering gear alarms SOLAS 74/78 II-1/29
SOLAS 74/78 II-1/30

Notes: _____

- ☐ Accident prevention and occupational health COMDTINST 16711.12A ILO 147
 - Rails, guards, protective clothing and equipment, warning signs posted in crew work areas
- ☐ Crew accommodations COMDTINST 16711.12A ILO 147
 - Habitable conditions
 - Adequate lighting and ventilation
 - Free of cargo and stores
 - Individual berths
- ☐ Hospital space COMDTINST 16711.12A ILO 147
 - Designated for ships ≥ 500 GT with 15 or more crew on voyage of more than 3 days
 - Not used for stowage or berthing
 - Properly operating toilet
 - Medicine chest or doctor
- ☐ Galley COMDTINST 16711.12A ILO 147
 - Sanitary conditions
 - Hot and cold-running water
 - Adequately equipped to prepare food
 - Mess hall provided for crew
- ☐ Refrigerator and stores spaces COMDTINST 16711.12A ILO 147
 - Storage free of insects
- ☐ Sanitation COMDTINST 16711.12A ILO 147
 - Toilets working (1/8 crew)
 - Showers operate (1/8 crew)
 - Wash basins
 - Lighted / heated / ventilated
- ☐ General safety COMDTINST 16711.12A ILO 147
 - Safe access to all spaces
 - Spaces adequately lighted
 - No electrical hazards
 - Warning notices posted as necessary

Notes: _____

- ☐ Cargo oil containment 33 CFR 155.310
 - Size
 - Drains
 - Scupper closures
- ☐ Fuel oil containment 33 CFR 155.320
 - Portable
 - Fixed
- ☐ Prohibited oil spaces 33 CFR 155.470
- ☐ Deck lighting 33 CFR 155.790
- ☐ Oil transfer hose 33 CFR 155.800
 - Condition
 - Markings
 - Hose assembly requirements
 - Tests and inspections
- ☐ Oily water separator MARPOL Ax. I/16
 - 100 ppm and bilge monitor
 - 15 ppm and bilge alarm
- ☐ Sludge (oil residue) tank MARPOL Ax. I/17
- ☐ Marine sanitation device
 - Type (I, II, III) 33 CFR 159.7
 - Nameplate 33 CFR 159.55
 - Placard 33 CFR 155.59
 - Proper operation
 - Capacity satisfactory

Notes: _____

☐ Indicators 33 CFR 164.35

- Illuminated rudder angle indicator
- Centerline RPM indicator
- Propeller pitch (CPP systems)
- Speed and distance indicator
- Lateral thrusters

<input type="checkbox"/>	Steering gear instructions	33 CFR 164.35
--------------------------	----------------------------	---------------

- Instructions
- Emergency instructions
- Block diagram

<input type="checkbox"/>	Emergency steering station	33 CFR 164.35
--------------------------	----------------------------	---------------

- Compass repeaters
- Communications

<input type="checkbox"/>	Maneuvering facts sheet with warning statement	33 CFR 164.35
--------------------------	--	---------------

☐ EPIRB (406 MHz) SOLAS 74/78 IV/7.1.6

- Float-free amount
- Battery date current
- Hydrostatic release

- ☐ Communications SOLAS 74/78 IV/6.3
 • VHF radio 33 CFR 26.03

- VHF radio

<input type="checkbox"/>	Navigation bridge radio distress panels	SOLAS 74/78 IV/6.4
		SOLAS 74/78 IV/6.5
•	PSS Certificate endorsed	SOLAS 74/78 IV/6.6

- PSS Certificate endorsed

<input type="checkbox"/>	2-way SAR aircraft radio	SOLAS 74/78 IV/7.5
--------------------------	--------------------------	--------------------

- Located on navigation bridge
- Capable of utilizing 121.5 and 123.1 MHz

☐ Radiocommunication personnel SOLAS 74/78 IV/16.2

- Qualified person assigned only to radiocommunication duties during distress incidents

Notes: _____

☐ **Abandon Ship Drill:**

General alarms / signals	Familiarity with duties	Boat release
Muster lists	Provide equipment	Boat operation
Muster of crew / passengers	Familiarity with equipment	Egress procedures
Crew response	Lower lifeboat	Davit-launched liferaft drill
Language understood by crew	Brake operation	Communication w/ bridge
Lifejackets	Engine start	Lighting

(SOLAS 74/78 III/18.3; MSM Vol. II/22.C.7.h)

Location: _____ Time to Water: _____

Notes: _____

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.

- | | | |
|--------------------------|---|------------------|
| <input type="checkbox"/> | Vessel / Coast Guard SAR plan | SOLAS 74/78 V/15 |
| | <ul style="list-style-type: none"> • Approved <ul style="list-style-type: none"> Yes No | |
| <input type="checkbox"/> | Operations limitations manual | SOLAS 74/78 V/23 |

Pollution Prevention Records:

- | | | |
|--------------------------|--|--|
| <input type="checkbox"/> | Current pollution prevention records | |
| | <ul style="list-style-type: none"> • Person-in-charge • Transfer equipment tests and inspections • Declaration of Inspection | 33 CFR 155.700
33 CFR 156.170
33 CFR 156.150 |
| <input type="checkbox"/> | Oil record book (Part 1) (spot-check) | |
| | <ul style="list-style-type: none"> • Each operation signed by person-in-charge • Each complete page signed by master • Book maintained for 3 years | MARPOL Ax. I/20
33 CFR 151.25 |
| <input type="checkbox"/> | Shipboard oil pollution emergency plan | |
| | <ul style="list-style-type: none"> • Approved by flag state / class society • Contact numbers correct • Immediate Actions List | MARPOL Ax. I/26.1
33 CFR 151.26 |
| <input type="checkbox"/> | Oil transfer procedures | |
| | <ul style="list-style-type: none"> • Posted / available in crew's language • List of products carried by vessel • Description of transfer system including a line diagram of piping • Number of persons required on duty • Duties by title of each person • Means of communication • Procedures to top off tanks • Procedures to report oil discharges | 33 CFR 155.720 |

Notes: _____

Nonconforming Vessel. Any vessel failing to comply with one or more applicable requirements of U.S. law or international conventions is a nonconforming vessel. A nonconforming vessel is not necessarily a substandard vessel unless the discrepancies endanger the vessel, persons on board, or present an unreasonable risk to the marine environment.

Substandard Vessel. In general, a vessel is regarded as substandard if the hull, machinery, or equipment, such as lifesaving, firefighting and pollution prevention, are substantially below the standards required by U.S. laws or international conventions, owing to:

- The absence of required principal equipment or arrangement;
- Gross noncompliance of equipment or arrangement with required specifications;
- Substantial deterioration of the vessel structure or its essential equipment;
- Noncompliance with applicable operational and/or manning standards; or
- Clear lack of appropriate certification, or demonstrated lack of competence on the part of the crew.

If these evident factors as a whole or individually endanger the vessel, persons on board, or present an unreasonable risk to the marine environment, the vessel should be regarded as a substandard vessel.

Valid Certificates. A certificate that has been issued directly by a contracting government or party to a convention, or on the behalf of the government or party by a recognized organization, and contains accurate and effective dates, meets the provisions of the relevant convention, and corresponds to the particulars of the vessel and its equipment.

Manning Certification:

- | | |
|---|---|
| <input type="checkbox"/> Safe Manning Document | SOLAS 74/78 V/13
IMO Res.A.481(XII) |
| <ul style="list-style-type: none"> Manning in accordance with document
 NOTE: If vessel does not have a Safe Manning Document or is not manned in accordance with Safe Manning Document, local Consulate must be contacted and the deficiency resolved prior to vessel's departure from port. Review copy of crew list | |
| <input type="checkbox"/> Officers' certificates | STCW 95 I/2
STCW 95 I/10
STCW 95 VI/1
STCW 95 VI/2 |
| <ul style="list-style-type: none"> Master and chief engineer licenses current Navigating and engineering officers' licenses current; NOTE: 3000 kW = 4023 hp Flag endorsement Medical certificates | |
| <input type="checkbox"/> Crew documents | STCW 95 VI/1 |
| <ul style="list-style-type: none"> Documents current Medical certificates valid (issued by flag state) Minimum age 15 | |
| <input type="checkbox"/> Rest periods | ILO 147 Art. II
STCW 95 VIII/1 |
| <ul style="list-style-type: none"> Review watch schedules | |

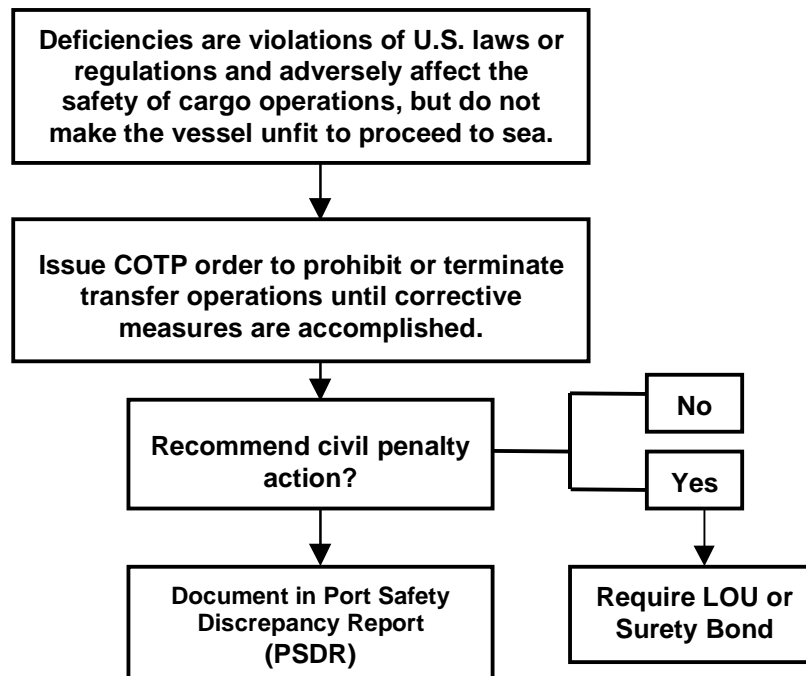
Logs and Manuals:

- | | |
|--|--------------------|
| <input type="checkbox"/> Lifesaving equipment maintenance record | SOLAS 74/78 III/19 |
| <ul style="list-style-type: none"> Periodic checks as required Visual inspection of survival craft / rescue boat and launching appliances Operation of lifeboat / rescue boat engines Lifesaving appliances, including lifeboat equipment examined | |
| <input type="checkbox"/> Emergency training and drills | SOLAS 74/78 III/18 |
| <ul style="list-style-type: none"> Onboard training in use of lifesaving equipment (all crew members) SOLAS training manual Logbook records Weekly and lifeboat drills | |

Notes: _____

Requiring Corrective Measures Prior to Cargo, Bunkering or Lightering Operations

(NO DETENTION)



Examples include the following:

- Oil transfer procedures incomplete.
- Information on properties and hazards of cargoes not on board.
- High and low level alarms inoperative.

Section 2: Certificates and Documents

International Certificates:

Name of Certificate	Issuing Agency	ID #	Port Issued	Issue Date	Exp. Date	Endors. Date
Certificate of Registry No Change						
Classification Document No Change						
Certificate of Financial Responsibility (COFR) No Change	USCG					
Passenger Ship Safety (PSS) No Change						
International Load Line (ILL) No Change						
International Oil Pollution Prevention (IOPP) No Change						

Requiring Corrective Measures Prior to Entry

Deficiencies discovered prior to a vessel's entry into port present such a grave risk to the port or the environment that the OCMI/COTP may wish to prevent the vessel from entering port until the deficiencies are corrected.



Issue COTP order if the vessel is within the territorial sea.

Examples include the following:

- Leaking tanks.
- Carrying dangerous cargoes with expired documents.
- Carrying incompatible cargoes.
- Invalid ISM certificates.
- COFR not on board.

Involved Parties & General Information:

Owner's Agent
Individual
Phone Number

Charterer's Agent
Individual
Phone Number Same as Owner's Agent

Owner—Listed on DOC or COFR
No Change

Operator
No Change

Notes: _____

[illegible]

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Notes: _____

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Total Time Spent Per Activity:

Regular Personnel (Active Duty)			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
-------------------	--------------------

Reserve Personnel			
ACTIVITY TYPE	ACTIVITY	TRAINING	(PERS) MI

TOTAL ADMIN HOURS	TOTAL TRAVEL HOURS
-------------------	--------------------

Auxiliary Resources	
TOTAL BOAT HOURS	TOTAL AIRCRAFT HOURS

Conversions:

Distance and Energy				
Kilowatts (kW)	X	1.341	=	Horsepower (hp)
Feet (ft)	X	3.281	=	Meters (m)
Long Ton (LT)	X	.98421	=	Metric Ton (t)
Liquid (NOTE: Values are approximate.)				
Liquid	bbbl/LT	m ³ /t	bbbl/m ³	bbbl/t
Freshwater	6.40	1.00	6.29	6.29
Saltwater	6.24	.975	6.13	5.98
Heavy Oil	6.77	1.06	6.66	7.06
DFM	6.60	1.19	7.48	8.91
Lube Oil	7.66	1.20	7.54	9.05
Weight				
1 Long Ton	=	2240 lbs	1 Metric Ton	= 2204 lbs
1 Short Ton	=	2000 lbs	1 Cubic Foot	= 7.48 gal
1 Barrel (oil)	=	5.61 ft = 42 gal = 6.29 m ³	1 psi	= .06895 Bar = 2.3106 ft of water
Temperature: Fahrenheit = Celsius (°F = 9/5 °C + 32 and °C = 5/9 (°F – 32))				
0	=	-17.8	80	= 26.7
32	=	0	90	= 32.2
40	=	4.4	100	= 37.8
50	=	10.0	110	= 43.3
60	=	15.6	120	= 48.9
70	=	21.1	150	= 65.6
200	=	93.3	250	= 121.1
300	=	148.9	400	= 204.4
500	=	260	1000	= 537.8
Pressure: Bars = Pounds per square inch				
1 Bar	=	14.5 psi	5 Bars	= 72.5 psi
2 bars	=	29.0 psi	6 Bars	= 87.0 psi
3 Bars	=	43.5 psi	7 Bars	= 101.5 psi
4 Bars	=	58.0 psi	8 Bars	= 116.0 psi
9 Bars	=	130.5 psi	10 Bars	= 145.0 psi